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INTERNATIONAL SEARCH REPORT

Application No

PCT/GB 03/03189

A. CLASSIFICATION OF SUBJECT MATTER			
IPC 7 H04M3/51 G06F17/30 G10L15/26			
According to International Patent Classification (IPC) or to both national classification and IPC			
B. FIELDS SEARCHED			
Minimum documentation searched (classification system followed by classification symbols)			
IPC 7 H04M G06F G10L			
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched			
Electronic data base consulted during the International search (name of data base and, where practical, search terms used)			
EPO-Internal, WPI Data, IBM-TDB, PAJ			
C. DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	
Y	US 2002/019737 A1 (HORNBACK DON ET AL) 14 February 2002 (2002-02-14) the whole document ---	1-14	
Y	EP 1 094 406 A (MATSUSHITA ELECTRIC IND CO LTD) 25 April 2001 (2001-04-25) the whole document ---	1-14	
Y	US 5 987 460 A (NIWA YOSHIKI ET AL) 16 November 1999 (1999-11-16) abstract; figures ---	5,12	
Y	WO 98 49637 A (NORTHERN LIGHT TECHNOLOGY LLC) 5 November 1998 (1998-11-05) abstract page 3, line 15-25 page 5, line 5-10 ---	5,12	
	-/-		
<input checked="" type="checkbox"/>	Further documents are listed in the continuation of box C.	<input checked="" type="checkbox"/>	Patent family members are listed in annex.
* Special categories of cited documents :			
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O document referring to an oral disclosure, use, exhibition or other means			
P document published prior to the International filing date but later than the priority date claimed			
T later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention			
X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone			
Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.			
& document member of the same patent family			
Date of the actual completion of the international search		Date of mailing of the International search report	
28 October 2003		06/11/2003	
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016		Authorized officer Herry, T	

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PCT/GB 03/03189

C(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 0 283 120 A (BRITISH TELECOMM) 21 September 1988 (1988-09-21) column 1 -column 3 -----	1-14
Y	EP 0 847 003 A (TEXAS INSTRUMENTS INC) 10 June 1998 (1998-06-10) abstract column 1 -column 7 -----	1-14

INTERNATIONAL SEARCH REPORT

International Application No
PCT/GB 03/03189

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 2002019737	A1	14-02-2002	US	6243684 B1		05-06-2001
EP 1094406	A	25-04-2001	EP JP	1094406 A2 2001169269 A		25-04-2001 22-06-2001
US 5987460	A	16-11-1999	JP US	10074210 A 6446065 B1		17-03-1998 03-09-2002
WO 9849637	A	05-11-1998	US AU AU EP JP WO	5924090 A 736428 B2 7271798 A 0979470 A1 2001522496 T 9849637 A1		13-07-1999 26-07-2001 24-11-1998 16-02-2000 13-11-2001 05-11-1998
EP 0283120	A	21-09-1988	AT CA DE DE EP HK US	91037 T 1335002 C 3881917 D1 3881917 T2 0283120 A1 130496 A 4922538 A		15-07-1993 28-03-1995 29-07-1993 23-12-1993 21-09-1988 26-07-1996 01-05-1990
EP 0847003	A	10-06-1998	EP JP US	0847003 A2 10187198 A 6185537 B1		10-06-1998 14-07-1998 06-02-2001